3/4/88 A8810-1

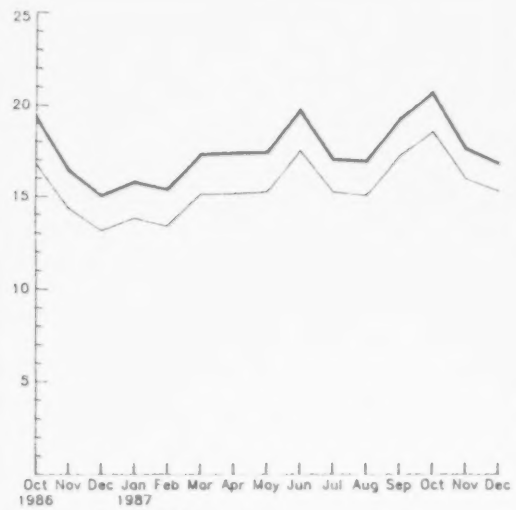
RMA Industry Report

RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT — December 1987

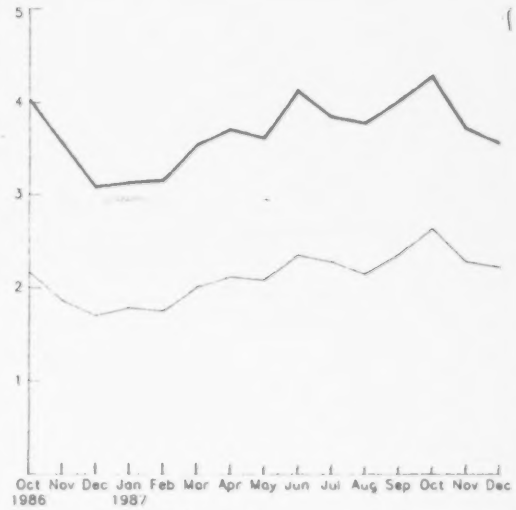
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies. Figures presented represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



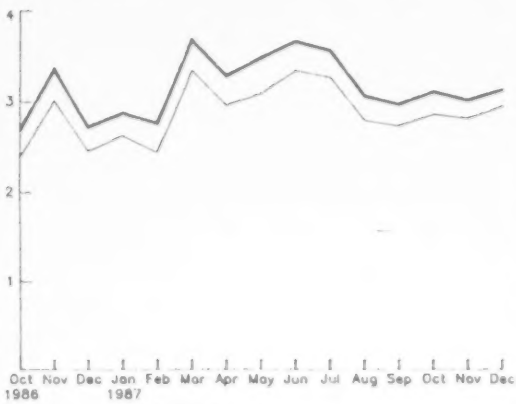
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



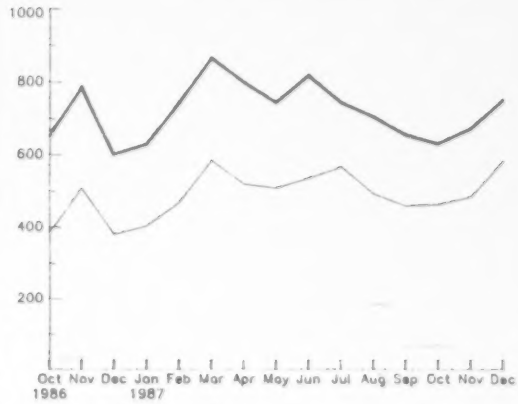
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. December 1987 total shipments are up +11% from December 1986 for passenger tires, and up +15% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

(FIGURES IN THOUSANDS OF UNITS)

ISSUED: February 25, 1988

PASSENGER TIRES	December 1987	December 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
Shipments						
Original Equipment	3,597	3,766	-4.49	52,913	54,392	-2.72
Radial	3,086	3,179	-2.93	44,989	45,778	-1.72
Replacement	12,563	10,901	+15.25	151,892	144,267	+5.29
Radial	11,663	9,672	+20.59	137,048	125,102	+9.55
Export	618	336	+83.93	5,987	4,032	+48.49
Radial	536	255	+110.20	5,215	3,098	+68.33
Total	16,778	15,003	+11.83	210,792	202,691	+4.00
Radial	15,285	13,106	+16.63	187,252	173,978	+7.63
Production	13,615	12,607	+8.00	167,522	159,350	+5.13
Radial	12,131	10,972	+10.56	147,825	135,444	+9.14
Ending Inventory	27,432	27,630	-0.72	27,432	27,630	-0.72
Radial	24,507	24,262	+1.01	24,507	24,262	+1.01
TRUCK & BUS TIRES						
Shipments						
Original Equipment	580	502	+15.54	7,845	6,859	+14.38
Radial	425	358	+18.72	5,495	4,631	+18.66
Replacement	2,777	2,455	+13.12	34,514	32,392	+6.55
Radial	1,649	1,275	+29.33	19,000	15,732	+20.77
Export	191	118	+61.86	2,069	1,302	+58.91
Radial	142	67	+111.94	1,483	773	+91.85
Total	3,548	3,075	+15.38	44,428	40,553	+9.56
Radial	2,216	1,700	+30.35	25,978	21,136	+22.91
Production	2,813	2,576	+9.20	35,456	30,939	+14.60
Radial	1,642	1,462	+12.31	20,176	15,476	+30.37
Ending Inventory	6,906	6,656	+3.76	6,906	6,656	+3.76
Radial	4,314	3,927	+9.85	4,314	3,927	+9.85
MOBILE HOME						
Shipments						
Original Equipment	39	36	+8.33	722	606	+19.14
Replacement	5	4	+25.00	107	63	+69.84
Export	-	-	-	-	-	-
Total	44	40	+10.00	829	669	+23.92
Production	47	28	+67.86	735	531	+38.42
Ending Inventory	95	73	+30.14	95	73	+30.14
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	50	31	+61.29	608	512	+18.75
Replacement	185	147	+25.85	2,658	2,319	+14.62
Export	25	9	+177.78	226	170	+32.94
Total	260	187	+39.04	3,492	3,001	+16.36
Production	255	202	+26.24	3,054	2,704	+12.94
Ending Inventory	640	684	-6.43	640	684	-6.43
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	455	514	-11.48	7,160	5,308	+34.89
Replacement	163	76	+114.47	2,189	2,897	-24.44
Export	25	15	+66.67	249	202	+23.27
Total	643	605	+6.28	9,598	8,407	+14.17
Production	766	561	+36.54	9,201	7,446	+23.57
Ending Inventory	1,761	2,282	-22.83	1,761	2,282	-22.83
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	434	414	+4.83	5,851	6,745	-13.25
Truck & Bus	1,072	1,045	+2.58	14,320	15,320	-6.53
Tractor-Implement	189	138	+36.96	2,718	2,454	+10.76
Industrial & Utility	112	90	+24.44	1,889	1,752	+7.82

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
October	2,382	303	89	101	295	166	146	4	51	383	130	235	25
November	3,015	342	105	81	404	195	160	5	83	343	180	396	55
December	2,449	265	65	65	314	155	116	2	85	281	143	210	32
CUMULATIVE	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	387
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	387
1987													
January	2,625	247	106	56	298	168	187	2	28	301	140	328	29
February	2,440	320	146	121	323	152	169	6	35	416	137	413	70
March	3,345	334	161	107	424	173	166	2	43	292	155	441	45
April	2,961	318	167	112	352	167	143	3	50	285	136	422	32
May	3,095	385	169	76	339	159	160	6	52	364	169	388	34
June	3,345	317	141	89	395	192	168	3	81	253	153	407	71
July	3,266	290	134	53	433	123	105	2	49	255	157	439	48
August	2,793	265	105	64	387	148	124	2	87	545	144	415	78
September	2,734	236	100	50	358	146	84	2	71	284	93	455	22
October	2,866	243	117	41	346	125	120	3	51	461	122	406	59
November	2,816	197	138	49	347	138	131	2	49	432	123	428	52
December	2,956	178	195	41	389	127	150	2	95	459	187	397	130
CUMULATIVE	35,242	3,331	1,679	860	4,391	1,817	1,707	37	691	4,346	1,716	4,939	671
% Change Month	5.0	-9.6	41.3	-16.3	12.1	-8.0	14.5	.0	93.9	6.3	52.0	-7.2	150.0
% Change Month 87 vs. 86	20.7	-32.8	200.0	-36.9	23.9	-18.1	29.3	.0	11.8	63.3	30.8	89.0	306.3
% Change Cumulative	12.8	20.7	38.4	-9.1	22.7	-1.3	-7.1	-7.5	-8.1	6.6	-23.5	27.9	73.4

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Comittee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counter-balanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. Government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports: Data for imports are shown separately on this report; however, those of participating companies are reflecte in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-government imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal Goodrich Tire Co.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.